

## Claims

1. A fuel cell electricity-generating device comprising:

a fuel cell of generating electric power from a fuel and an oxidizer,

a fuel processor of producing a fuel to be supplied into said fuel cell from an electricity-generating material,

a combustion device of combusting a residual fuel gas unconsumed in said fuel cell to raise the temperature of said fuel processor, and

an electric power generation instructing means of determining the electric power generated by said fuel cell,

wherein when said electric power generation instructing means decreases the electric power generated by said fuel cell depending on the decrease of load power to be supplied, the rate at which the generated electric power is decreased is made different depending on the change of the temperature of the fuel processor.

2. The fuel cell electricity-generating device as described in Claim 1, wherein the generated electric power is decreased at a rate with a predetermined upper-limit while the temperature of said fuel processor is rising but at unlimited rate while the temperature of said fuel

processor is not rising.